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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
Date: 10/6/04 Name: Anthony P. Curtis, Ph.D., 46,193 Signature: [Signature]

BRINKS
HOFER
GILSON
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Naoya Hasegawa et al.

Appln. No.: 10/611,555

Filed: July 1, 2003

For: A Magnetic Detecting Element Having
Second Antiferromagnetic

Examiner: K. Bernatz

Art Unit: 1173

Attorney Docket No: 9281/4590

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Response to Restriction Requirement and Amendment (2pp.);
☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
☐ Small Entity.
☐ An extension fee in an amount of \$ _____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$ _____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ A check in the amount of \$ _____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$ _____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$ _____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

[Signature]

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)

Date 10/6/04



I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents,
Washington, D.C. 20231, on

10/6/04
(Date of Deposit)

Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of Applicant, Assignee or
Registered Representative

[Signature]
Signature

10/6/04
Date of Signature

Our Case No. 9281-4590

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Naoya Hasegawa et al.

Serial No. 10/611,555

Filing Date: July 1, 2003

For: A Magnetic Detecting Element Having
Second Antiferromagnetic Layer
Overlying Second Free Magnetic Layer
Extending in Track Width Direction
Beyond Track Width

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) Examiner: Kevin Bernatz
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) Group Art Unit No. 1173
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Response to Restriction Requirement and Amendment

Commissioner for Patents
Alexandria, VA 22313

Dear Sir:

In response to the Restriction Requirement dated September 13, 2004:

Remarks begin on page 5 of this paper.